

Title (en)

System, method and electronic device for providing a haptic effect to a user

Title (de)

System, Verfahren und elektronische Vorrichtung zur Bereitstellung eines haptischen Effekts an einen Benutzer

Title (fr)

Système, procédé et dispositif électronique pour fournir un effet haptique à un utilisateur

Publication

EP 2778848 B1 20200909 (EN)

Application

EP 14158952 A 20140311

Priority

US 201313793966 A 20130311

Abstract (en)

[origin: EP2778848A2] Systems, electronic devices, and methods provide haptic sensations as a function of eye gaze. A system may include a detector configured to determine a direction of an eye gaze of a user of the system, a processor configured to generate signal representative of a haptic effect based on the direction of the eye gaze, and a haptic output device configured to receive the signal from the processor and output the haptic effect to the user. A method for providing a haptic effect to a user of a system may include determining a direction of an eye gaze of the user of the system, generating a haptic effect based on the direction of the eye gaze, and outputting the haptic effect to the user.

IPC 8 full level

G06F 3/01 (2006.01)

CPC (source: EP KR US)

A63F 13/213 (2014.09 - US); **A63F 13/525** (2014.09 - US); **G06F 3/013** (2013.01 - EP US); **G06F 3/016** (2013.01 - EP KR US)

Cited by

EP3179336A1; EP3647915A1; EP3040812A1; CN107077215A; EP3241092A4; US10775894B2

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